

JC04 Rec'd PCT/PTO 28 JUL 2005

PTO/SB/21 (09-04)

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**TRANSMITTAL
FORM**

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Total Number of Pages in This Submission

Application Number 10/528,210

Filing Date 03/17/2005

First Named Inventor Stephen R. Smith

Art Unit

Examiner Name

Attorney Docket Number 3323

ENCLOSURES (Check all that apply)

- | | | |
|---|---|---|
| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance Communication to TC |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation | <input type="checkbox"/> Status Letter |
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| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> CD, Number of CD(s) _____ | |
| <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application | <input type="checkbox"/> Landscape Table on CD | |
| <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | | |

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name BECK & TYSSER, P.L.L.C.

Signature

Printed name Stephanie J. James

Date 7/26/05

Reg. No. 34,437

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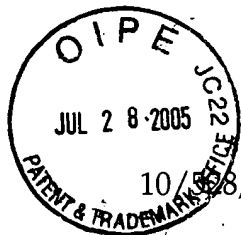
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Typed or printed name Mary S. Keller

Date 7-26-05

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10/528,210

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Stephen R. Smith et. al	Examiner:	
Serial No.:	10/528,210	Group Art Unit:	
Filing Date:	March 17, 2005	Docket No.:	3323
Title	Antimicrobial Composition and Method for Use		

Date of Deposit: 7-26-05

I hereby certify that this paper is being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450

Signature:

Mary S. KellerPrinted Name: Mary S. Keller

**Transmittal of
Information Disclosure Statement
37 C.F. R. §1.97(b)**

Assistant Commissioner for Patents
Washington, DC 20231

With regard to the above-identified application, the items of information listed on the enclosed Information Disclosure Statement are brought to the attention of the Examiner under the terms of 37 C.F.R. §1.97(b). This statement should be considered because it is submitted within three months of either the filing date of a national application or the date of entry of the national stage, or because it is submitted before the mailing date of a first Office Action on-the-merits.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each document or other information listed on the enclosed.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103. Moreover, Applicant does not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is

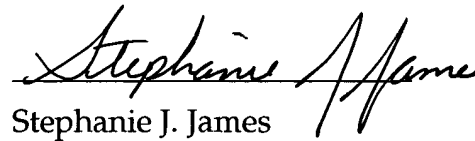
intended. The Applicant reserves the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish either point to the contrary.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Information Disclosure Statement, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 500246.

Respectfully submitted,
STEPHEN R. SMITH
By his attorneys:

Date: 7/26/05


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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 4

Complete if Known

Application Number	10/528,210
Filing Date	March 17, 2005
First Named Inventor	SMITH, Stephen R.
Art Unit	
Examiner Name	
Attorney Docket Number	3323

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4,073,884	02-14-1978	Hartdegen et al.	
		US- 4,968,493	11-06-1990	Carter et al.	
		US- 5,015,487	03-14-1991	Collison et al.	
		US- 5,041,236	08-20-1991	Carpenter et al.	
		US- 5,043,176	08-27-1991	Bycroft et al.	
		US- 5,147,642	09-15-1992	Lotz et al	
		US- 5,296,464	03-22-1994	Tomita et al	
		US- 5,314,692	05-24-1994	Haarasilta et al.	
		US- 5,342,612	08-30-1994	Daley et al.	
		US- 5,356,625	10-18-1997	Ying	
		US- 5,372,810	12-13-1994	Onisha et al.	
		US- 5,458,876	10-17-1995	Monticello	
		US- 5,573,797	11-12-1996	Wilhoit	
		US- 5,573,800	11-12-1996	Wilhoit	
		US- 5,573,801	11-12-1996	Wilhoit	
		US- 5,597,564	01-28-1997	Ying	
		US- 5,601,823	02-11-1997	Williams et al.	
		US- 5,817,357	10-06-1998	Vandenbergh et al.	
		US- 5,817,362	01-06-1998	Vandenbergh et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		CA 2,046,452	01-14-1992	Anderson et al.		
		JP 62145025	06-29-1987	Nippon Kayaku		
		EP 0466244	01-15-1992	Univer PLC et		
		EP 0955061	11-10-1999	Medipharma		

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet 2

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U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,851,827	12-22-1998	Titball et al.	
		US- 5,877,272	03-02-199	Vandenbergh et al.	
		US- 5,902,579	05-11-1999	Eisenschink et al.	
		US- 5,908,646	06-01-1999	Mayra-Makinen et al.	
		US- 5,932,469	08-03-1999	Hillman	
		US- 6,033,705	03-07-2000	Isaacs	
		US- 6,080,401	06-27-2000	Reddy et al.	
		US- 6,207,210	03-27-2001	Bender et al.	
		US- 6,207,411	03-27-2001	Ross et al.	
		US- 6,221,404	04-24-2001	Nguyen et al.	
		US- 6,264,946	07-24-2001	Mullertz et al.	
		US- 6,280,725	08-28-2001	Bom et al.	
		US- 6,287,617	09-11-2001	Bender et al.	
		US- 6,391,285	05-21-2002	Hillman	
		US- 6,403,082	06-11-2002	Stiles et al.	
		US- 6,451,365	09-17-2002	King et al.	
		US- 6,537,544	03-25-2003	Johansson et al.	
		US- 6613,329	09-02-2003	Kink et al.	
		US-			

FOREIGN PATENT DOCUMENTS						
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of	4
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Application Number

10/528.210

Filing Date

March 17, 2005

First Named Inventor

SMITH, Stephen R.

Art Unit

Examiner Name

Attorney Docket Number	3323
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Signature**

Date
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Application Number	10/528,210
Filing Date	March 17, 2005
First Named Inventor	SMITH, Stephen R.
Art Unit	
Examiner Name	
Attorney Docket Number	3323

Sheet 4

of 4

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Patent Abstracts of Japan, Vol. 011, No. 371 (C-462) 3 December 1987 (1987-12-03) & JP 62 145025 A (Nippon Kayaku Co Ltd), 29 June 1987 (1987-06-29) Abstract	
		Identification of Clostridium tyrobutyricum as the causative agent of late blowing in cheese by species-specific PCR amplification, N. Klijn, F F J. Nieuwenhof, J D Hooiwerf, C B van der Waals, and A H Weerkamp, Applied and Environ Microbiol. 1995 August; 61 (8): 2919- 2924	
		Natural Food Antimicrobial Systems, ed. A. S. Naidu, pp. 211-226. New York: CRC Press, Inc. and Lineweaver, H. , and C. W. Murray. 1947	
		Identification of the trypsin inhibitor of egg white with ovomucoid. J. Biol. Chem. 171, 565-581.	
		Systemic availability of bovine immunoglobulin G and chicken immunoglobulin Y after feeding colostrum and egg powder to newborn calves. Archives of Animal Nutrition, 50 (4), 369-380 Erhard, M. H., Gobel, E. , Lewan, B. , Losch, U. , Stangassinger, M. 1997.	
		Jin, I. Z., Baidoo, S. K. , Marquardt, R. R. Frohlich, A. A., 1998. In vitro inhibition of adhesion of enterotoxigenic Escherichia coli K88 to piglet intestinal mucus by egg-yolk antibodies. Immunology and Medical Microbiology, 21,313-321 ; Marquardt, R. R. , 2000.	
		Control of Intestinal diseases in pigs by feeding specific chicken egg antibodies. Egg Nutrition and Biotechnology, Sim, J. S. , Nakai, S. , Guenter, W. , (eds). CABI Publishing, 289-299; O'Farrelly C. Branton, D., Wanke, C. A. , 1992.	
		Oral ingestion of egg yolk immunoglobulin from hens immunized with an enterotoxigenic Escherichia coli strain prevents diarrhea in rabbits challenged with the same strain. Infection and Immunity, 60 (7), 2593-2597.	
		International Search Report dated February 5, 2004 prepared by the European Patent Office in its capacity as International Searching Authority, in connection with corresponding International PCT Application No. PCT/CA03/01359	

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